

# Prevention Needs Assessment Profile for Alcona County

## County Population Characteristics

2000 Total Population: 11,719  
2000 Population Age 17 and Younger: 2,227  
2000 Racial/Ethnic Composition:  
White 98.0% Other 1.8%  
Black 0.2% Hispanic/Latino (any race) 0.7%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

-0.85

11

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

2.82<sup>3</sup>

80

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

-1.62

2

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

.04

63

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

-0.55

14

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

1.50

73

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

-1.79

1

**Urban environment** (population density)

-0.39

13

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

-1.42

2

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

-1.29

6

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

.80

70

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

.31

77

**Alcohol sales** (alcohol sales per capita)

-0.34

34

### Lack of Commitment to School

**Dropouts** (dropout rate)

.13

49

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

-0.98

14

**Divorce** (divorce rate)

2.01

37

### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

-0.82

17

**Juvenile sexually-transmitted disease** (juvenile STD rate)

-0.90

1

### Suicide

**Adolescent suicide** (adolescent suicide rate)

-0.62

1

Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 26

# Prevention Needs Assessment Profile for Antrim County

## County Population Characteristics

2000 Total Population: 23,110  
2000 Population Age 17 and Younger: 5,632  
2000 Racial/Ethnic Composition:  
White 97.0% Other 2.8%  
Black 0.2% Hispanic/Latino (any race) 1.2%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

-0.81

14

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

-0.89<sup>3</sup>

14

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

-0.78

16

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

0.04

63

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

-0.65

10

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

1.80

78

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

-0.80

14

**Urban environment** (population density)

-0.32

37

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

-0.92

5

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

-0.99

12

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

-0.28

30

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

-0.01

58

**Alcohol sales** (alcohol sales per capita)

-0.54

15

### Lack of Commitment to School

**Dropouts** (dropout rate)

0.22

52

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

0.96

68

**Divorce** (divorce rate)

0.43

24

### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

0.60

60

**Juvenile sexually-transmitted disease** (juvenile STD rate)

0.12

63

### Suicide

**Adolescent suicide** (adolescent suicide rate)

-0.62

1

Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 23

# Prevention Needs Assessment Profile for Alger County

## County Population Characteristics

2000 Total Population: 9,862  
2000 Population Age 17 and Younger: 2,026  
2000 Racial/Ethnic Composition:  
White 87.8% Other 6.1%  
Black 6.1% Hispanic/Latino (any race) 1.0%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

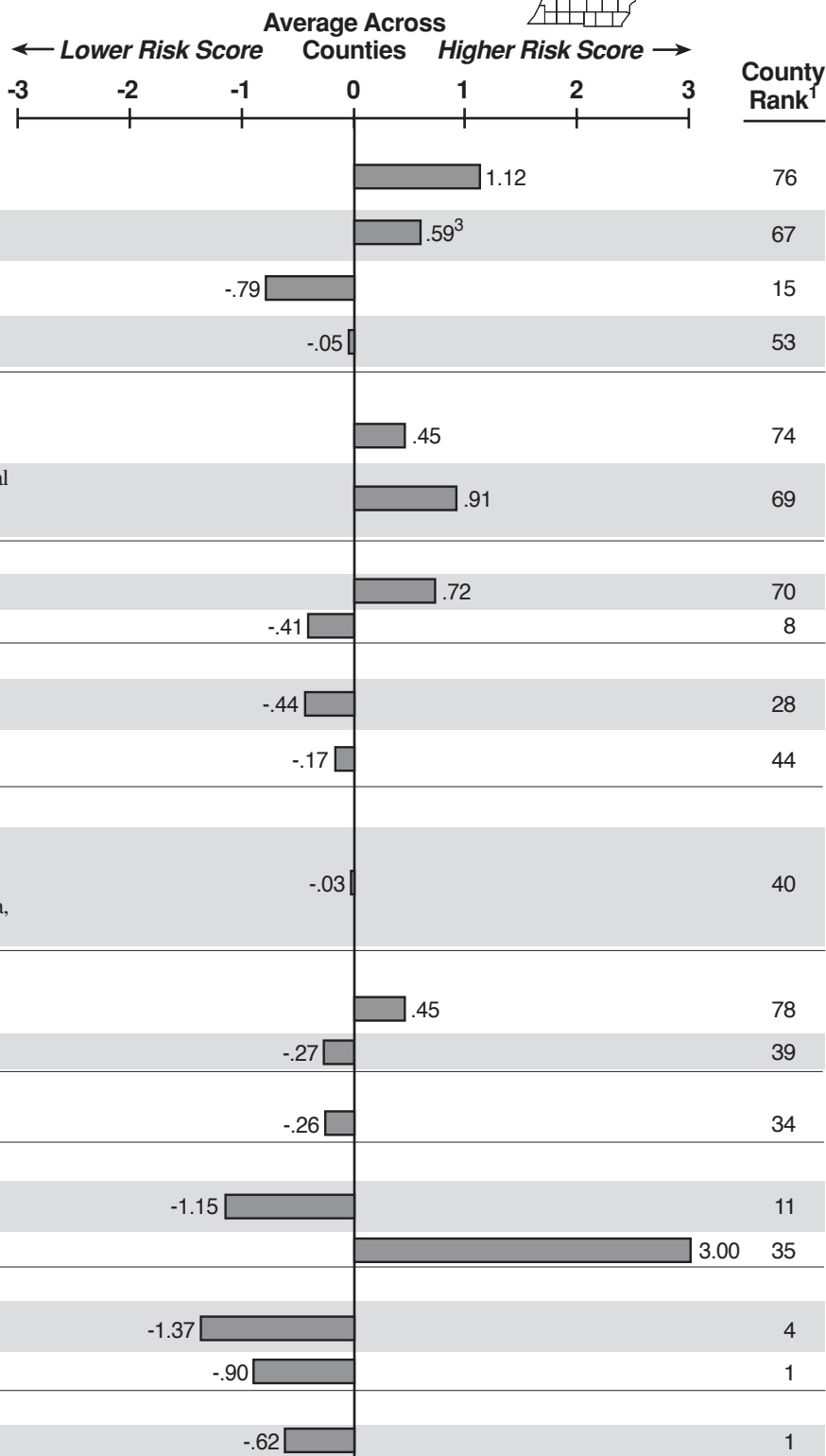
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 69

# Prevention Needs Assessment Profile for Allegan County

## County Population Characteristics

2000 Total Population: 105,665  
 2000 Population Age 17 and Younger: 30,495  
 2000 Racial/Ethnic Composition:  
 White 93.5% Other 5.2%  
 Black 1.3% Hispanic/Latino (any race) 5.7%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

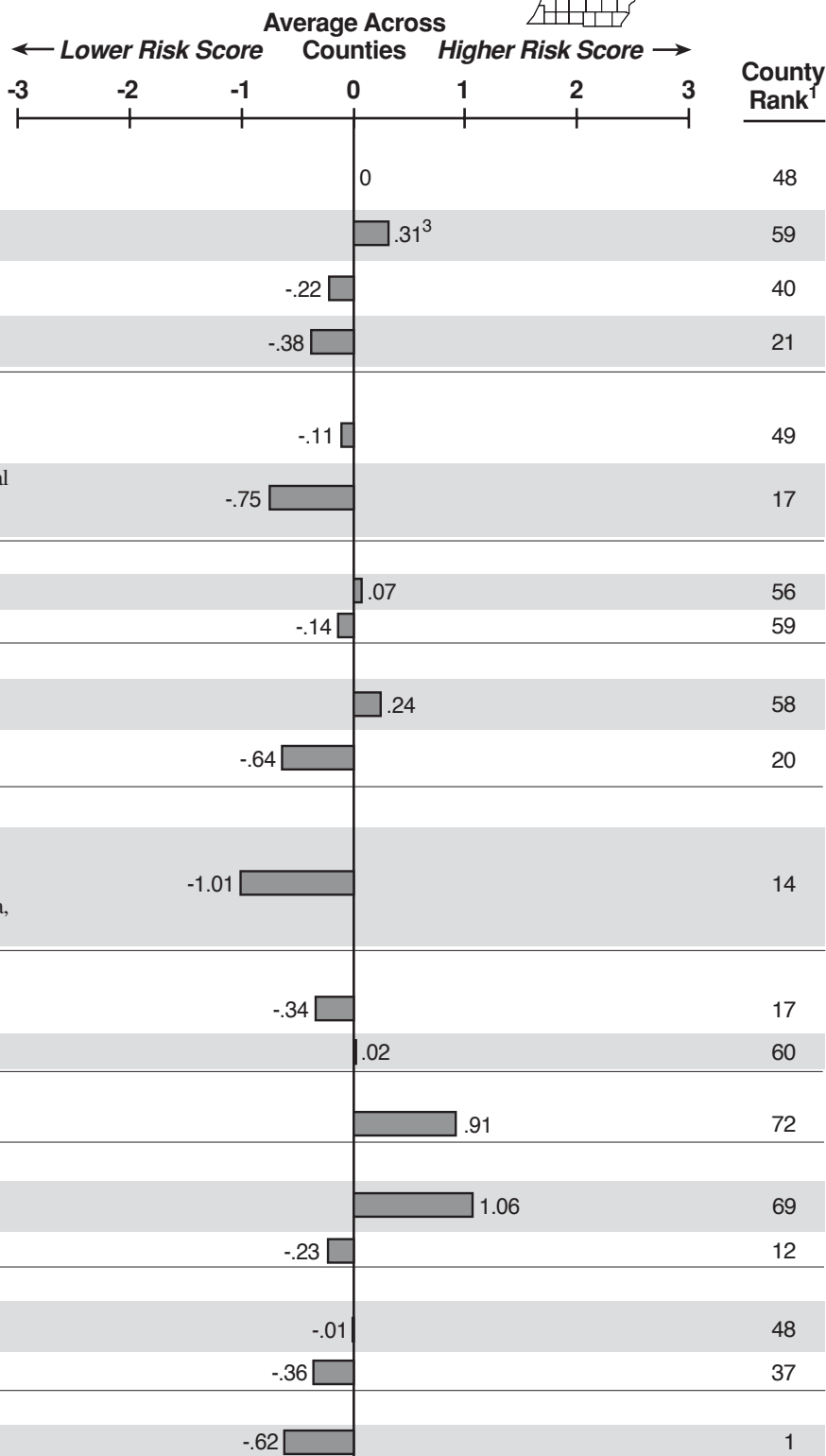
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 30

# Prevention Needs Assessment Profile for Alpena County

## County Population Characteristics

2000 Total Population: 31,314  
2000 Population Age 17 and Younger: 7,418  
2000 Racial/Ethnic Composition:  
White 98.2% Other 1.5%  
Black 0.2% Hispanic/Latino (any race) 0.6%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

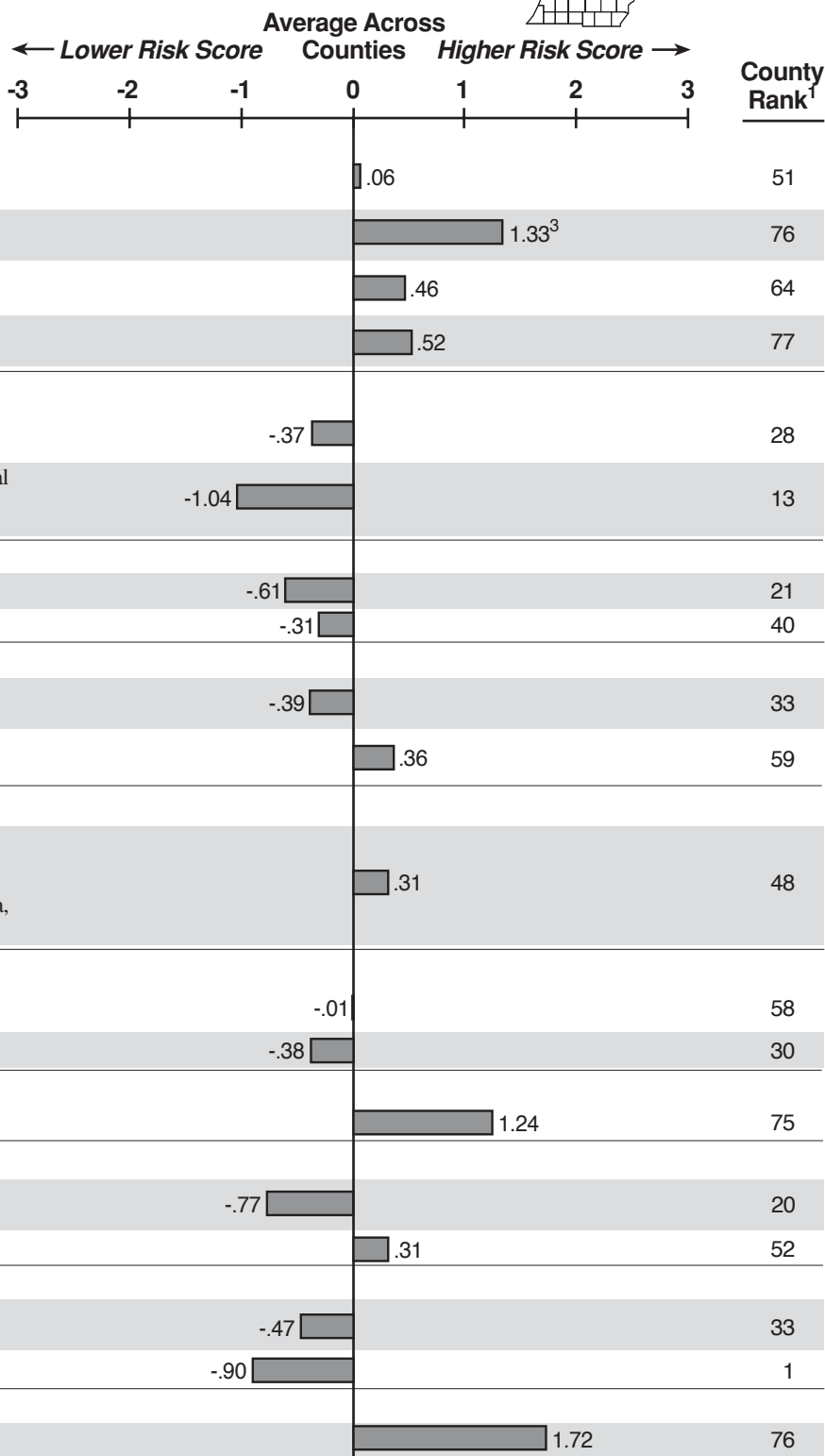
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 60

# Prevention Needs Assessment Profile for Arenac County

## County Population Characteristics

2000 Total Population: 17,269  
2000 Population Age 17 and Younger: 4,026  
2000 Racial/Ethnic Composition:  
White 95.4% Other 2.8%  
Black 1.8% Hispanic/Latino (any race) 1.4%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

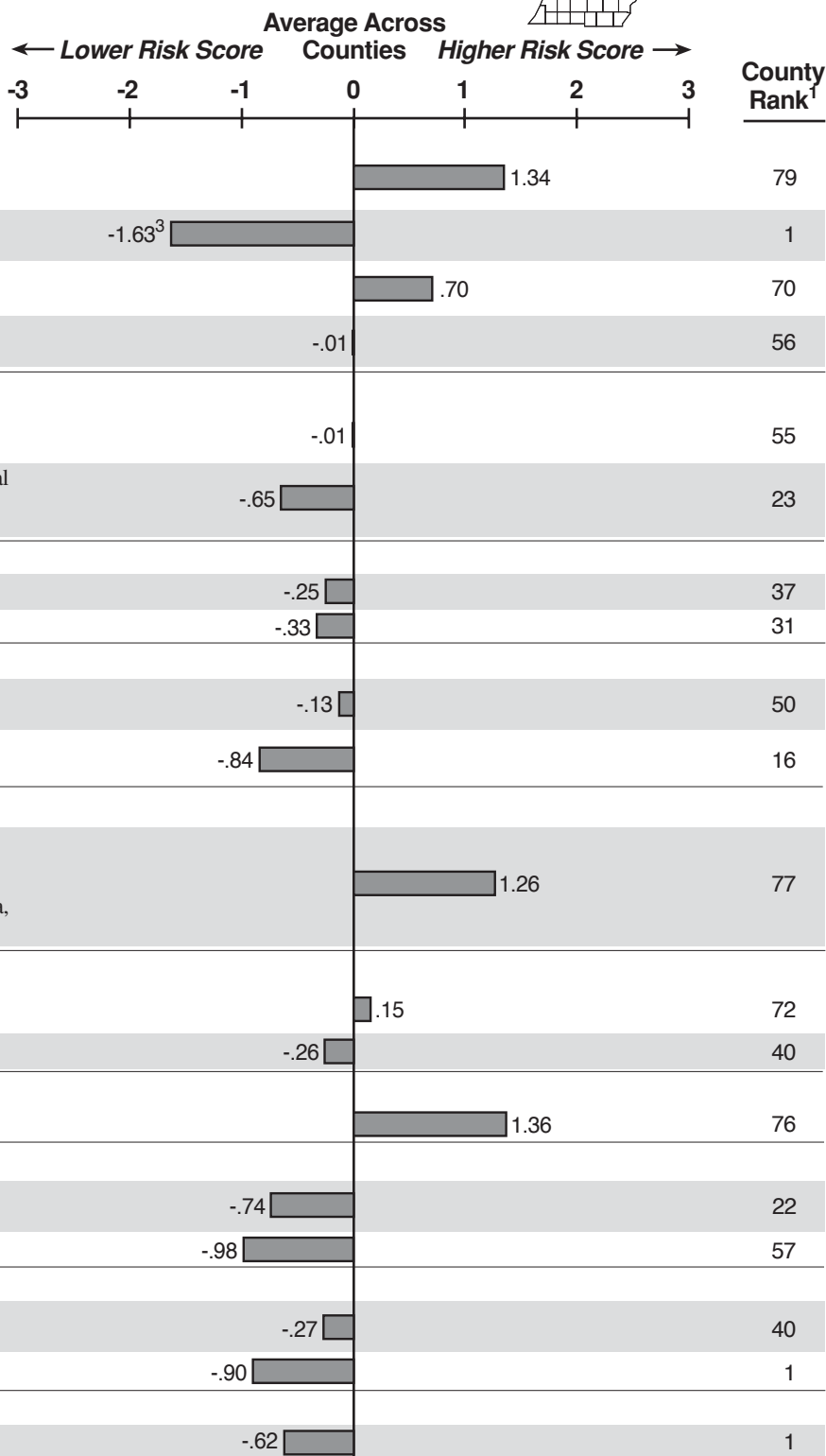
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10-17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 34



# Prevention Needs Assessment Profile for Baraga County

## County Population Characteristics

2000 Total Population: 8,746  
2000 Population Age 17 and Younger: 2,006  
2000 Racial/Ethnic Composition:  
White 78.6% Other 16.4%  
Black 5.0% Hispanic/Latino (any race) 0.9%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

-0.19

County Rank<sup>1</sup>

43

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

-0.15<sup>3</sup>

41

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

-0.08

43

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

1.28

81

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

.48

73

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

.14

52

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

.74

71

**Urban environment** (population density)

-0.41

8

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

-0.89

7

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

-1.00

10

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

.43

54

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

.10

68

**Alcohol sales** (alcohol sales per capita)

-0.12

54

### Lack of Commitment to School

**Dropouts** (dropout rate)

.41

60

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

-1.63

3

**Divorce** (divorce rate)

-0.78

4

### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

1.03

69

**Juvenile sexually-transmitted disease** (juvenile STD rate)

-0.90

1

### Suicide

**Adolescent suicide** (adolescent suicide rate)

-0.62

1

Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.  
<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.  
<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 53

# Prevention Needs Assessment Profile for Barry County

## County Population Characteristics

2000 Total Population: 56,755  
 2000 Population Age 17 and Younger: 15,433  
 2000 Racial/Ethnic Composition:  
   White 97.4%   Other 2.4%  
   Black 0.2%   Hispanic/Latino (any race) 1.5%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

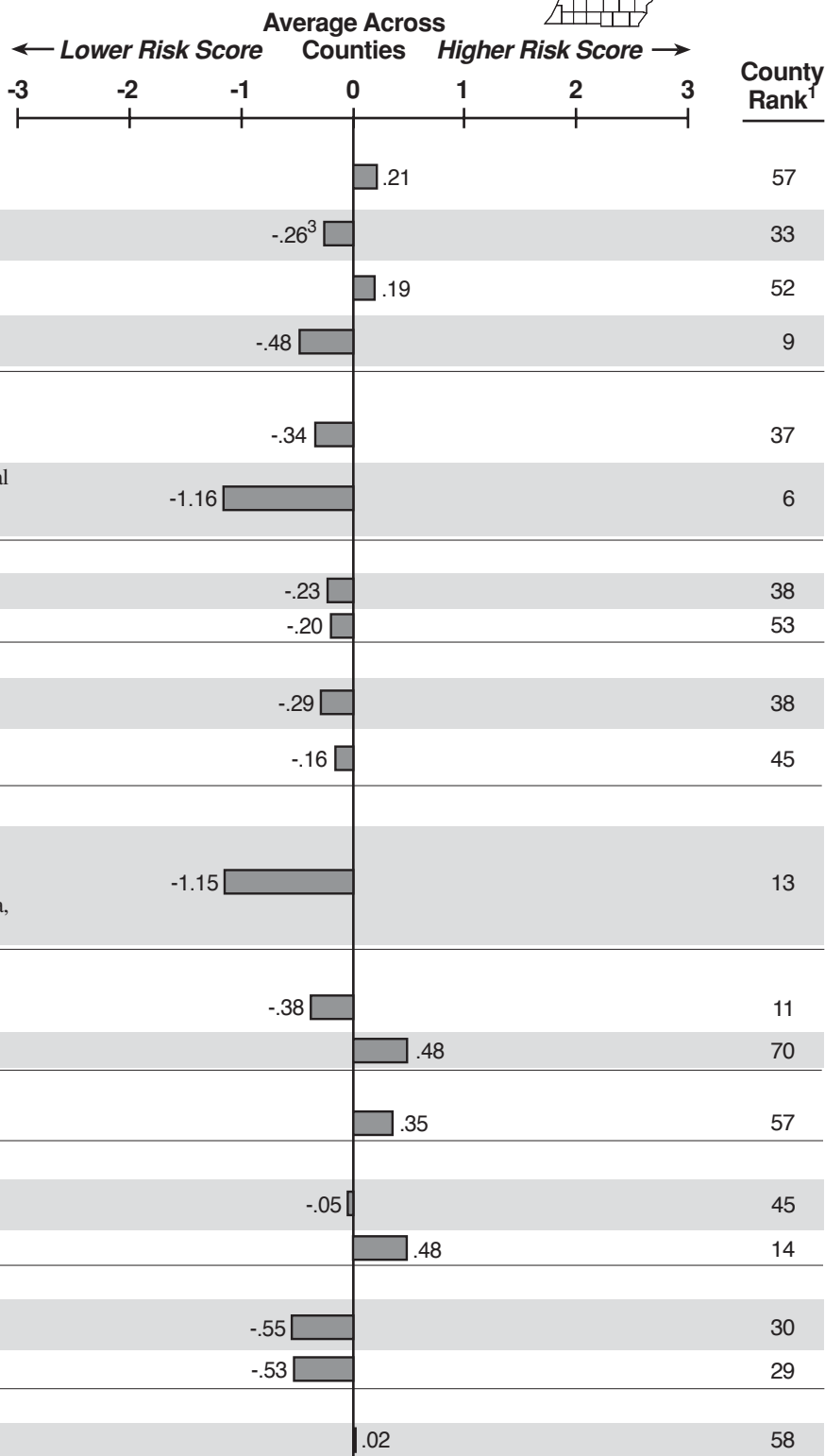
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

**Overall County Rank<sup>4</sup> 20**



# Prevention Needs Assessment Profile for Bay County

## County Population Characteristics

2000 Total Population: 110,157  
2000 Population Age 17 and Younger: 26,946  
2000 Racial/Ethnic Composition:  
White 94.9% Other 3.8%  
Black 1.3% Hispanic/Latino (any race) 3.9%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

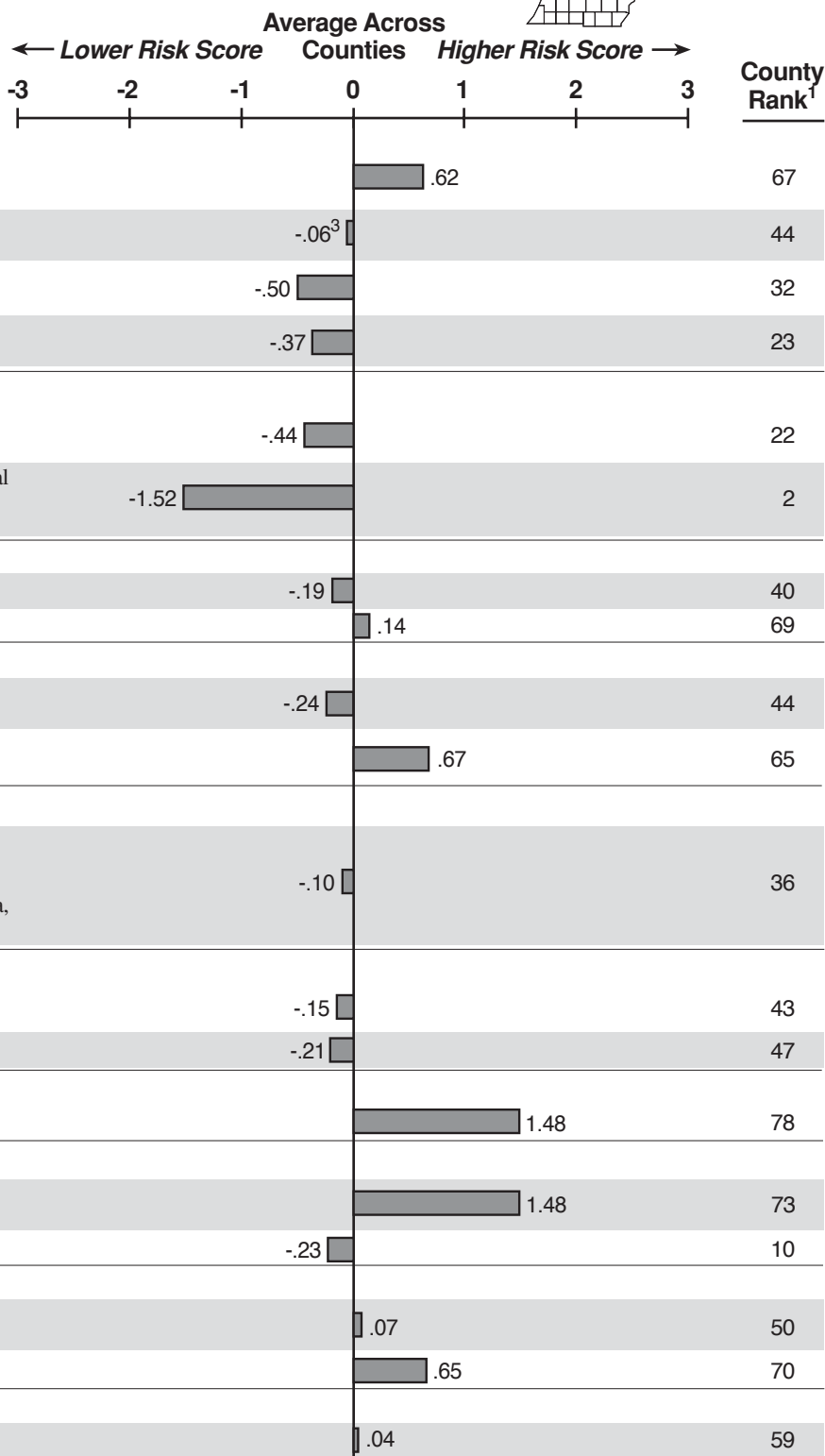
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 47

# Prevention Needs Assessment Profile for Benzie County

## County Population Characteristics

2000 Total Population: 15,998  
2000 Population Age 17 and Younger: 3,743  
2000 Racial/Ethnic Composition:  
White 96.4% Other 3.3%  
Black 0.3% Hispanic/Latino (any race) 1.5%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

-0.72

17

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

.91<sup>3</sup>

68

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

-0.69

20

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

.16

68

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

-0.67

7

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

2.25

82

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

-0.85

13

**Urban environment** (population density)

-0.32

37

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

-0.91

6

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

-0.47

27

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

-0.10

36

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

-0.03

54

**Alcohol sales** (alcohol sales per capita)

-0.48

19

### Lack of Commitment to School

**Dropouts** (dropout rate)

.53

62

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

-0.66

25

**Divorce** (divorce rate)

.16

80

### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

.42

58

**Juvenile sexually-transmitted disease** (juvenile STD rate)

-0.69

21

### Suicide

**Adolescent suicide** (adolescent suicide rate)

-0.62

1

Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.  
<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.  
<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 27

# Prevention Needs Assessment Profile for Berrien County

## County Population Characteristics

2000 Total Population: 162,453  
 2000 Population Age 17 and Younger: 42,302  
 2000 Racial/Ethnic Composition:  
   White 79.7%   Other 4.4%  
   Black 15.9%   Hispanic/Latino (any race) 3.0%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

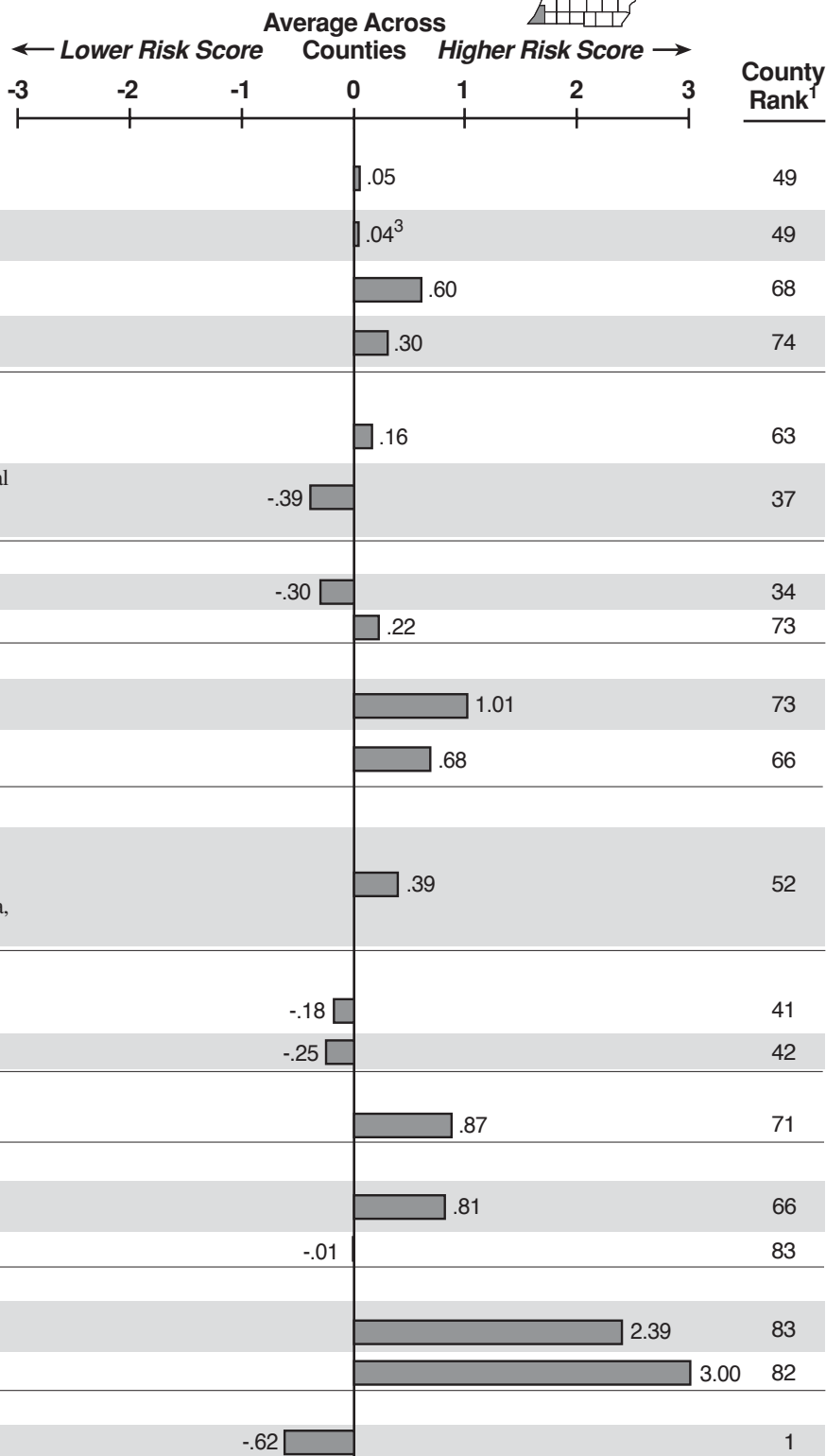
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

**Overall County Rank<sup>4</sup> 79**

# Prevention Needs Assessment Profile for Branch County

## County Population Characteristics

2000 Total Population: 45,787  
2000 Population Age 17 and Younger: 11,698  
2000 Racial/Ethnic Composition:  
White 93.4% Other 4.0%  
Black 2.6% Hispanic/Latino (any race) 3.0%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

**Urban environment** (population density)

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

**Alcohol sales** (alcohol sales per capita)

### Lack of Commitment to School

**Dropouts** (dropout rate)

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

**Divorce** (divorce rate)

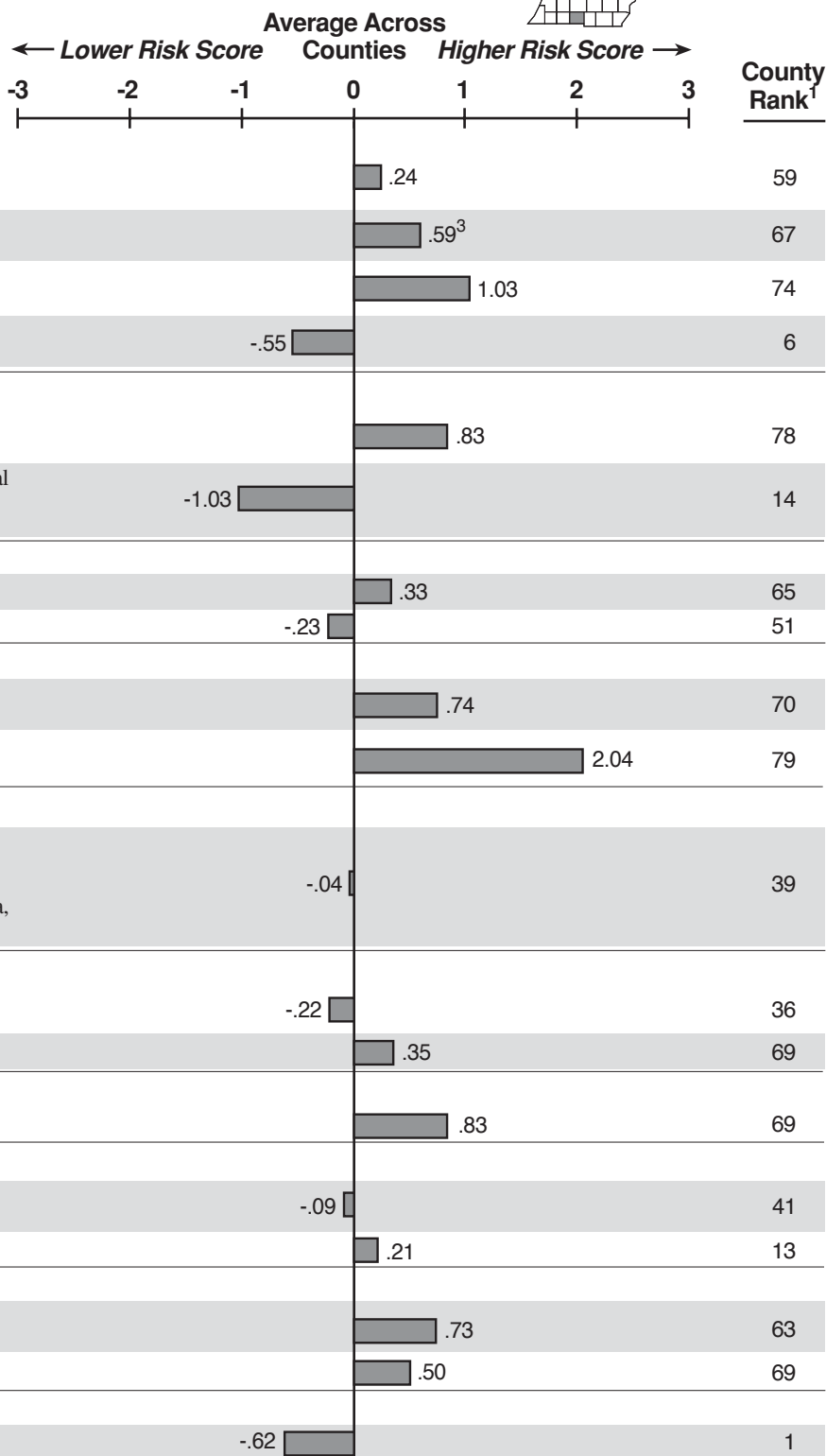
### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

**Juvenile sexually-transmitted disease** (juvenile STD rate)

### Suicide

**Adolescent suicide** (adolescent suicide rate)



Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 71

# Prevention Needs Assessment Profile for Calhoun County

## County Population Characteristics

2000 Total Population: 137,985  
2000 Population Age 17 and Younger: 35,854  
2000 Racial/Ethnic Composition:  
White 83.9% Other 5.2%  
Black 10.9% Hispanic/Latino (any race) 3.2%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

-0.28

County Rank<sup>1</sup>

38

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

-0.22<sup>3</sup>

34

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

.76

71

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

-0.33

25

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

.22

66

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

-0.66

21

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

.07

56

**Urban environment** (population density)

.01

66

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

1.70

80

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

.16

56

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

.11

43

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

-0.24

34

**Alcohol sales** (alcohol sales per capita)

-0.36

32

### Lack of Commitment to School

**Dropouts** (dropout rate)

.71

67

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

1.96

81

**Divorce** (divorce rate)

.38

1

### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

1.62

76

**Juvenile sexually-transmitted disease** (juvenile STD rate)

1.79

74

### Suicide

**Adolescent suicide** (adolescent suicide rate)

-0.09

53

Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.

<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.

<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 74

# Prevention Needs Assessment Profile for Cass County

## County Population Characteristics

2000 Total Population: 51,104  
2000 Population Age 17 and Younger: 13,053  
2000 Racial/Ethnic Composition:  
White 89.2% Other 4.7%  
Black 6.1% Hispanic/Latino (any race) 2.4%

Source: 2000 U.S. Census.



## Risk Constructs (indicators comprising construct)

### Alcohol and Drug Abuse

**Liquor law violations** (adult and juvenile arrest rates for liquor law violations, adult DUI arrest rate)

-0.62

County Rank<sup>1</sup>

20

**Alcohol-related vehicle fatalities** (percent of fatal vehicle crashes in which alcohol was a factor)

-.04<sup>3</sup>

45

**Drug law violations** (adult and juvenile arrest rates for narcotic violations)

-0.63

25

**Substance abuse treatment admissions** (adult and juvenile treatment admission rates)

-0.25

32

### Community Disorganization and Transition

**Lack of civic involvement** (percent unregistered voters, percent population who did not vote in presidential election)

.43

71

**Community transition and mobility** (percent of all residential units that are renter occupied, rate of new residential building permits, percent of all residential units that are vacant)

-.44

35

### High Risk Demographic Groups

**Young males** (percent of population male ages 15 to 34)

-.34

32

**Urban environment** (population density)

-.20

53

### Community Crime

**Violent crime** (juvenile and adult arrest rates for violent crime, homicide rate)

-.26

41

**Non-violent crime** (juvenile and adult arrest rates for property and other non-violent and non-drug related crime)

-.91

14

### Poverty

**Socioeconomic deprivation** (total and child poverty rates, unemployment rate, percent of population participating in FIP, percent of population receiving food stamps, median household income<sup>2</sup>, percent of population 25 and older without a HS diploma, percent of students receiving free or reduced lunches)

.01

41

### Alcohol and Tobacco Availability

**Alcohol and tobacco permits/outlets** (alcohol permits and tobacco outlets per 1,000 persons)

-.31

23

**Alcohol sales** (alcohol sales per capita)

1.38

81

### Lack of Commitment to School

**Dropouts** (dropout rate)

-.33

32

### Family Conflict/Management Problems

**Family discord** (domestic violence arrest rate, percent of children under age 18 in foster care)

.71

64

**Divorce** (divorce rate)

.29

82

### Adolescent Sexual Behavior

**Teen pregnancy and births** (rate of pregnancies and births to females ages 10–17)

.34

57

**Juvenile sexually-transmitted disease** (juvenile STD rate)

.10

62

### Suicide

**Adolescent suicide** (adolescent suicide rate)

.10

63

Note: See Appendix B for actual indicator values.

<sup>1</sup>Each risk score is ranked in relation to other county scores based on the following: 1=lowest risk; 80=highest risk for alcohol-related vehicle fatalities construct; 82=highest risk for dropouts construct; 83=highest risk for all other constructs.  
<sup>2</sup>Median income was reverse coded so that higher scores were indicative of higher risk.  
<sup>3</sup>This footnote is not relevant to this county profile.

<sup>4</sup>Overall county rank is based on the average of all 19 risk scores, equally ranked: 1=lowest risk; 83=highest risk.

Overall County Rank<sup>4</sup> 48